

nonenabling for other "metal fluorides".

Claims 2-4 have been canceled and claim 1 has been amended to limit the metal fluorides to Group IA, Group IIA and rare earth fluorides. It is therefore respectfully requested that the rejection be withdrawn.

The examiner rejects claims 1-4 and 12 under 35 USC 112, first paragraph, as being nonenabling for other "metal bonded chromium oxide".

Claims 2-4 have been canceled and claims 1 and 12 have been amended to limit the metal bonded chromium oxide to high temperature, high strength and oxidation resistant bonding metals. It is therefore respectfully requested that the rejection be withdrawn.

The examiner rejects claims 1-4 under 35 USC 112, first paragraph, as being nonenabling for all low temperature lubricating metals.

Claim 2-4 have been canceled and claim 1 has been amended to include the following low temperature lubricating metals: Ag, Au, Pt, Pd, Rh and Cu. It is therefore respectfully requested that the rejection be withdrawn.

The examiner rejects claims 1, 2, 4, and 12 under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, claims 1, 2 lack proportions; claims 2 and 12 are unclear as to which of Groups IA, IIA, IB and IIB are included; and in claim 4, line 1, "a" should be deleted.

A

Claims 2 and 4 have been canceled. Claim 1 has been amended to indicate the proportions of chromium oxide, bonding metal, metal fluoride and low temperature lubricating metals. Claims 1 and 12 have been amended to claim only Group IA and IIA. As the examiner indicated to Susan Reinecke during a telephone interview on June 10, 1997 the rejection of claim 4 was actually meant for claim 14. Claim 14 has been amended to delete the word "a". It is therefore respectfully requested that the rejection be withdrawn.

The examiner rejects claims 1-17 under 35 USC 102(a) as being anticipated by Dellacorte and Fellenstein or Dellacorte and Laskowski. It is respectfully assumed that the examiner is referring to the references cited by the examiner, Dellacorte and Fellenstein, "The Effect of Compositional Tailoring on the Thermal Expansion and Tribological Properties of PS300: A Solid Lubricant Composite Coating", NASA Technical Memorandum 107332; and Dellacorte and Laskowski, "Tribological Evaluation of PS300: A New Chrome Oxide Based Solid Lubricant Coating Sliding Against Al_2O_3 From 25 to 650 °C", NASA TM-107163.

MPEP § 715.01(c) states:

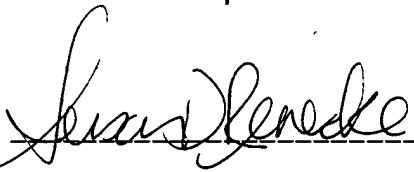
"Where applicant is one of the co-authors of a publication cited against his application, he is not required to file an affidavit or declaration under §1.131. The publication may be removed as a reference by filing a disclaiming affidavit or declaration of the other co-authors."

C. Dellacorte is a co-inventor of the instant application and a co-author of both cited references. Disclaiming affidavits signed by both J.A. Laskowski and J.A. Fellenstein are attached that show that although they are co-authors of the cited references, they are not co-inventors of the subject of the instant application. It is therefore respectfully requested that the rejection be

withdrawn.

For the foregoing reasons it is believed this application is presently in condition for allowance. A favorable action to that end is requested.

Respectfully submitted,
Christopher DellaCorte

By  7/14/97

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